

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Final Office Action dated August 24, 2005 has been received and its contents carefully reviewed.

Claims 1, 3, 4, 8, 11, 16, and 19 are hereby amended. Accordingly, claims 1–20 are currently pending. Reexamination and reconsideration of the pending claims are respectfully requested.

In the Office Action, claims 1–16 and 19–20 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,632,272 to Kumagawa et al. (hereinafter “Kumagawa”) in view of U.S. Patent No. 6,552,705 to Hirota (hereinafter “Hirota”); and claims 17–18 are objected to as being dependent upon a rejected base claim.

Applicants appreciate the indication that claims 17–18 contain allowable subject matter. However, Applicants elect not to rewrite these claims to independent form at this time to permit the Examiner an opportunity to reconsider the rejections in view of the above amendments and the following remarks.

Applicants respectfully traverse the rejection of claim 1 and request reconsideration. Claim 1 is allowable in that it recites “modulating source data and supplying the modulated source data to a display panel at an initial period of one frame interval, wherein modulating the source data includes selecting a gray scale voltage level corresponding to the source data.” Nothing in Kumagawa and Hirota, alone or in combination, teaches or suggests at least this feature of the claimed invention.

The Examiner cites the first compensation voltage V_c in FIG. 1 of Kumagawa as teaching a modulated source data. Applicants respectfully disagree. Kumagawa teaches “off-pixels (or on-pixels),” (column 40, line 43, and FIG. 47) whereby “the off-state .. is at the positive level V_2 , and ... the on-state ... is at the negative level V_4 .” (Column 13, lines 11–13, and FIG. 1). The “compensation pulse 105 or 106 having a height V_c and a width t_c ” (column 13, lines 20–21) “is added to the signal voltage when the signal voltage changes from on-level to

off-level.” (Column 14, lines 46–48). Further, compensation is controlled in such a way that “[t]he compensation control pulse Pw controls a width of the compensating pulse (tc in FIG. 1).” (Column 16, lines 61–63). As such, Applicants respectfully submit that Kumagawa does not teach the above feature of the claimed invention, and that claim 1, and its dependent claims 2–7, are allowable over any combination of Kumagawa and Hirota.

Applicants respectfully traverse the rejection of claim 8 and request reconsideration. Claim 8 is allowable in that it recites “a modulator modulating source data and supplying the modulated source data to a display panel at an initial period of one frame interval, wherein the modulator includes a look-up table.” Nothing in Kumagawa and Hirota, alone or in combination, teaches or suggests at least this feature of the claimed invention. Accordingly, for this reason, and for the reason regarding claim 1 above, Applicants respectfully submit that claim 8, and its dependent claims 9–16, are allowable over any combination of Kumagawa and Hirota.

Applicants respectfully traverse the rejection of claim 19 and request reconsideration. Claim 19 is allowable in that it recites “a data modulator modulating source data and supplying the modulated source data to the liquid crystal display at an initial period of one frame interval, wherein the data modulator selects a gray scale voltage level corresponding to the source data.” Nothing in Kumagawa and Hirota, alone or in combination, teaches or suggests at least this feature of the claimed invention. Accordingly, for this reason, and for the reason regarding claim 1 above, Applicants respectfully submit that claim 19, and its dependent claim 20, are allowable over any combination of Kumagawa and Hirota.

Applicants believe the foregoing amendments and remarks place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

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If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Applicants herewith file a Revocation of Power of Attorney with New Power of Attorney and a Statement under 37 CFR 3.73(b) indicating that the undersigned is Attorney of Record.

Dated: November 22, 2005

Respectfully submitted,

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